





| SHELF ID             | BITS 74 |     | BIT 0 |
|----------------------|---------|-----|-------|
| 1                    | 1110    | 110 | 0     |
| 3                    | 1110    | 110 | 1     |
| 3                    | 1101    | 101 | 0     |
| 4                    | 1101    | 101 | 1     |
| 5                    | 1011    | 011 | 0     |
| 6                    | 1011    | 011 | 1     |
| 7                    | 0111    | 110 | 0     |
| 8                    | 0111    | 110 | 1     |
| 9                    | 1110    | 101 | 0     |
| 10                   | 1110    | 101 | 1     |
| 11                   | 1101    | 011 | 0     |
| 12<br>13             | 1101    | 011 | 1     |
| 13                   | 1011    | 110 | 0     |
| 14                   | 1011    | 110 | 1     |
| 15                   | 0111    | 101 | 0     |
| 16                   | 0111    | 101 | 1     |
| 17                   | 1110    | 011 | 0     |
| 18                   | 1110    | 011 | 1     |
| 19                   | 1101    | 110 | Ö     |
| 20<br>21<br>22<br>23 | 1101    | 110 | 1     |
| 21                   | 1011    | 101 | 0     |
| 22                   | 1011    | 101 | 1     |
| 23                   | 0111    | 011 | Ö     |
| 24                   | 0111    | 011 | 1     |
| CABINET CABLE        | 1111    | XXX | X     |
| DISCONNECTED         |         |     | · `   |
| CABINET CABLE        | XXXX    | 111 | X     |
| DISCONNECTED         |         |     | ^`    |

FIG.4

| SHELF ID                         | BITS 7- | 4 BITS 3-1 | IBIT 0 |
|----------------------------------|---------|------------|--------|
| 1                                | 0100    | 010        | 0      |
|                                  | 0100    | 010        | 1 1    |
| 2<br>3<br>4<br>5<br>6            | 0010    | 001        | 10     |
| 4                                | 0010    | 001        | 1 1    |
| 5                                | 0001    | 100        | 0      |
| 6                                | 0001    | 100        | 1      |
| $\frac{3}{7}$                    | 1000    | 010        | 0      |
| 8                                | 1000    |            |        |
| 9                                | 0100    | 010        | 1      |
| 10                               | 0100    |            | 0      |
| 10                               | 0100    | 001        | 1      |
| 11                               | 0010    | 100        | 0      |
| 12                               | 0010    | 100        | 1      |
| 12<br>13<br>14<br>15<br>16<br>17 | 0001    | 010        | 0      |
| 14                               | 0001    | 010        | 1      |
| 15                               | 1000    | 001        | 0      |
| 16                               | 1000    | 001        | 1      |
| 17                               | 0100    | 100        | 0      |
| 18<br>19                         | 0100    | 100        | 1      |
| 19                               | 0010    | 010        | 0      |
| 20<br>21<br>22<br>23<br>24<br>25 | 0010    | 010        | 1      |
| 21                               | 0001    | 001        | Ö      |
| 22                               | 0001    | 001        | Ĭ      |
| 23                               | 1000    | 100        | 0      |
| 24                               | 1000    | 100        | 1      |
| 25                               | 1100    | 110        | 0      |
| 26                               | 1100    | 110        | 1      |
| 26<br>27<br>28<br>29<br>30       | 0110    | 011        | 0      |
| 28                               | 0110    | 011        | 1      |
| 20                               | 0011    |            |        |
| 30                               | 0011    | 101        | 0      |
| 31                               | 1001    | 101        | 1      |
| 31<br>32                         |         | 110        | 0      |
| 32                               | 1001    | 110        | 1      |
| 33<br>34                         | 1100    | 011        | 0      |
| 34                               | 1100    | 011        | 1      |
| 35                               | 0110    | 101        | 0      |
| 36<br>37                         | 0110    | 101        | 1      |
| 3/                               | 0011    | 110        | 0      |
| 38<br>39                         | 0011    | 110        | 1      |
| 39                               | 1001    | 011        | 0      |
| 40                               | 1001    | 011        | 1      |
| 41                               | 1100    | 101        | 0      |
| 42                               | 1100    | 101        | 1      |
| 42<br>43<br>44                   | 0110    | 110        | 0      |
| 44                               | 0110    | 110        | 1      |
| 45                               | 0011    | 011        | Ö      |
| 46                               | 0011    | 011        | 1      |
| 47                               | 1001    | 101        | 0      |
| 48                               | 1001    | 101        | 1      |
| CABINET CABLE                    | 1111    | XXX        | X      |
| DISCONNECTED                     | ''''    | /VV\       | ^      |
| CABINET CABLE                    | XXXX    | 111        | X      |
| DISCONNECTED                     | ,,,,,,, | 111        | ^ [    |
|                                  |         |            |        |

FIG.5